

POGOSTIN, S.

Improvement in establishing technological standards in the
chemical industry. Sots.trud.no.3:45-50 Mr '56. (MLRA 9:7)
(Chemical industries) (Labor productivity)

POGOSTIN, S.; RUDNITSKIY, M.

"Organizing and planning the industrial enterprises of nonferrous metallurgy" by I.M. Gratsershtein, R.D. Malinova. Reviewed by S. Pogostin, M. Rudnitskii. Sots.trud. 7 no.6:152-155 (MIRA 16:2)
Je '62.

(Nonferrous metal industries)
(Gratsershtein, I.M.) (Malinova, R.D.)

POGOSTIN, S.

Increase the role of establishing technical standards
in the chemical industry. Sots. trud 8 no.1:74-78 Ja '63.
(MIRA 16:2)
(Chemical industries--Production standards)

FEDORENKO, N.; POGOSTIN, S.; FIALKOV, Yu.

Ways to increase labor productivity in the chemical industry. Vop.
ekon. no.1:10-16 Ja '63. (MIRA 16:2)

1. Onlen-korrespondent AN SSSR (for Fedorenko).
(Chemical industries—Labor productivity)

POGOSTIN, S.; SMIRNOVA, Ye.

We are discussing the White Russian experiment. Sots. trud 8
no.8:41-46 Ag '63. (MIRA 16:8)

1. Nachal'nik laboratorii truda i zarabotnoy platy Nauchno-
issledovatel'skogo instituta tekhniko-ekonomicheskikh
issledovaniy Gosudarstvennogo komiteta khimicheskoy i
neftyanoy promyshlennosti pri Gosplane SSSR (for Pogostin).
(White Russia—Chemical industries—Labor productivity)
(Time study)

POGOSTIN, S.

Effectiveness of the graphic method. Sets. trud no. 4:91-94 4p '57.
(Production control) (MLRA 10:6)

ALEKSANDROV, N., LATOV, B., POGOSTIN, S., PUSHKOV, I.

Regulation of work norms and wages of workers in the chemical
industry. Sots. trud no. 7:33-39 J1 '58. (MIRA 11:8)
(Chemical industries--Production standards)

POGOSTIN, S.

Eliminate discrepancies in salary regulating procedure in the
chemical industry. Sots. trud. 4 no.10:64-69 0 '59 (MIRA 13:3)
(Chemical industries) (Wages)

BORODKIN, V.; POGOSTIN, S.

"Organization and planning of a chemical enterprise" by M.M.Fedorovich.
Reviewed by V.Borodkin, S. Pogostin. Sots. trud 5 no.6:156-159 Je '60.

(MIRA 13:11)

(Chemical industries)
(Fedorovich, M.M.)

POGOSTIN, S.; ROZHKOV, L.

Studying the practice of paying bonuses to workers of chemical
industry enterprises. Biul.nauch.inform.: trud i zar.plata 5
no.8:37-41 '62. (MIRA 15:7)
(Wages—Chemical industries) (Bonus system)

POGOSTIN, S.Z.; VEKSER, A.A.; redaktor; RAKOV, S.I., tekhnicheskiiy redaktor

[Work norms, labor organization and wages in the chemical industries]
Tekhnicheskoe normirovanie, organizatsiia truda i zarabotnoi platy
v khimicheskoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo
khim. lit-ry, 1952. 326 p. [Microfilm] (MLRA 7:10)
(Chemical industries) (Industrial management)

POGOSTIN, S. Z.

Tekhnicheskoe normirovanie, organizatsiia truda i zarabotnoi platy v khimicheskoi promyshlennosti (Technical standardization, organization of labor, and wages in the chemical industry) Moskva, Goskhimizdat, 1952. 327 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 6, Sep. 1954

POGOSTIN, S.Z.

POGOSTIN, S.Z., VEKSER, A.A., redaktor; YEVDOKIMOVA, Z.N., tekhnicheskii redaktor; KORNEYEVA, V.I., tekhnicheskii redaktor.

[Production norms in the chemical industry] Tekhnicheskoe normirovanie v khimicheskoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1954. 294 p. [Microfilm] (MIRA 8:4)
(Wages and labor productivity) (Chemical industries)

POGOSTIN, S.Z.; KALACHEV, A.N.

Ways of mobilizing reserves in the production of ascorbic acid.
Med. prom. 17 no.9:12-15 S'63. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut tekhniko-ekonomicheskikh
issledovaniy po khimii i Vsesoyuznyy nauchno-issledovatel'skiy
vitaminnyy institut.

BORODKIN, Valentin Iosifovich; POGOSTIN, S.Z., otv. red.; GRINSHPON,
F.O., red.; MALYAVKO, A.V., tekhn. red.

[Setting up technical norms for industries using processing
equipment] Tekhnicheskoe normirovanie v apparaturnykh proizvod-
stvakh. L'vov, Izd-vo L'vovskogo univ., 1962. 284 p.

(MIRA 16:2)

(Chemical industries--Production standards)

POGOSTIN, S

Z

N/5
710
.P7

Ekonomika i organizatsiya khimicheskogo proizvodstva (Economy and organization in chemical production) Moskva, Goskhimizdat, 1955.
142 p. diags., tables.
Literatura: p. (140)

POGOSTIN, S.Z.; VEKSER, A.A., redaktor; SHEPAK, Ye.G., tekhnicheskiy redaktor

[Economics and organization of the chemical industry] **Ekonomika
i organizatsiya khimicheskogo proizvodstva.** Moskva, Gos.nauchno-
tekhn. izd-vo khim. lit-ry, 1955. 142 p. (MIRA 9:4)

(Chemical industries)

USSR/Chemistry - Chemical engineering; Industrial engineering / FD-2722

POGOSTIN, S. Z.
Card 1/1

Pub. 50 - 3/20

Author : Pogostin, S. Z.

Title : One of the ways of improving the utilization of equipment

Periodical : Khim. prom. No 5, 264-268, Jul-Aug 1955

Abstract : Demonstrates on several examples the most advantageous timing of operations and arrangement of equipment units in chemical production processes. Uses these examples to illustrate the method of carrying out pertinent calculations. Four graphs, 3 tables.

Pogostin, S. Z.
USSR/Chemistry - Chemical engineering, Industrial economies

FD-3357

Card 1/1 Pub. 50 - 1/20

Author : Pogostin, S. Z.

Title : Fuller utilization of reserves formed by increased productivity of labor

Periodical : Khim. prom. No 7, 385-387, Oct-Nov 1955

Abstract : Criticizes as inadequate the increases in labor productivity within some branches of chemical production. States that wages have increased at a faster rate than labor productivity in the industries managed by the main administrations of the Chemical Industry, Plastics and Paints, and the Rubber Industry while the reverse should have been the case. Suggests procedures for improving the productivity of labor and for setting productivity standards.

Institution : --

Submitted : --

POGOSTIN, S.Z.

Set in order the system of wages in the chemical industry. Khim.prom.
no.4:240-242 Je '56. (Wages) (MIRA 9:10)

FEDOROVICH, Mikhail Mikhaylovich, doktor ekon. nauk, prof.;
Prinimal uchastiye POGOSTIN, S.Z., kand. ekon. nauk;
INSHAKOV, A.N., red.

[Organization and planning of a chemical enterprise] Orga-
nizatsiia i planirovanie khimicheskogo predpriiatia.
Moskva, Ekonomika, 1965. 462 p. (MIRA 18:8)

POGOSTIN, S.Z.

Some problems in the scientific organization of work in chemical industries. Khim.prom. 41 no.7:530-534 JI '65.

(MIRA 18:8)

FIALKOV, Yu.M.; POGOSTIN, S.Z., kand.ekonom.nauk

Rate of increase of labor productivity in the chemical industry
and factors which determine it. Zhur.VKHO 9 no.1:34-41 '64.
(MIRA 17:3)

POGOSTIN, S.Z.

Measures for straightening out the wage system in rubber and tire
plants. Kauch.i rez. 16 no.5:27-29 Iz '57. (MIRA 10 7)
(Wages)

POGOSTIN, S.Z.

New changes in the bonus system for engineers and technicians in the
chemical industry. Khim.prom. no.8:706-708 D '59. (MIRA 13:6)
(Chemical industries)
(Bonus system)

KAZHUKH, Sh.; POGOSTIN, S.

Bilateral photograph of a working day in the chemical industry.
Sots.trud 4 no.6:87-91 Je '59. (MIRA 12:8) -
(Chemical industries--Labor productivity)

GALUSHKINA, Nina Andreyevna; SAZONOVA, Irina Danilovna; POGOSTIN, S.Z.,
retsensent; KHINKIS, L.A., retsensent; FUKS, V.K., red.; SOKOLOVA,
I.A., tekhn.red.

[Specifications for work standards in the oils and fats industry]
Tekhnicheskoe normirovanie truda v maslozhirovoi promyshlennosti.
Moskva, Pishchepromizdat, 1960. 138 p. (MIRA 13:5)
(Oil industries)

ZAYTSEV, Ivan Ivanovich; MYSHKIS, Abram Veniaminovich; FOGOSTIN, S.Z.,
spets.red.; MAKAROVA, red.; RAKOV, S.I., tekhn.red.

[Establishing technical standards in the rubber industry]
Tekhnicheskoe normirovanie truda v rezinovoi promyshlen-
nosti. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 205 p.

(MIRA 14:5)

(Rubber industry—Production standards)

POGOSTIN, Semen Zakharovich; PATMANSKIY, N.S., red.; LUR'YE, M.S.,
tekhn.red.; KOGAN, V.V., tekhn.red.

[Economics and organization of chemical production] Ekonomika
i organizatsiia khimicheskogo proizvodstva. Izd.2., perer. i
dop. Moskva, Gos.nauchno-tekhn.isd-vo khim.lit-ry, 1960.
245 p. (MIRA 13:3)
(Chemical industries)

POGOSTIN, SEMEN ZAKHAROVICH

The Economics and Organization of Chemical Production. New York, USJPRS, 1961.

271 p. Charts, Tables, (JPRS: 4777; CSO: L516-s)

Translated from the Original Russian 2d. Ed. Ekonomika and Organizatsiya Khimicheskogo Proizvodstva, Moscow, 1960.

Bibliography: p. 270-271

POGOSTIN, S.Z.

Results of the reorganization of the wage system in the chemical
industry. Khim.prom. no.8:682-684 D '60. (MIRA 13:12)
(Chemical industries)
(Wages and labor productivity)

POGOSTIN, Semen Zakharovich, kand.ekonom. nauk; MAKAROVA, E.A., red.;
~~KOROBova, N.D., tekhn. red.~~

[Establishing a system of production and work standards in
chemical plants] Tekhnicheskoe normirovanie truda na pred-
priyatiyakh khimicheskoi promyshlennosti. Moskva, Profizdat,
1962. 199 p. (MIRA 15:7)
(Chemical industries—Production standards)

POGOSTKIN, S.

SINEL'NIKOV, N.; GOL'BETS, M.; PICHKOV, K.; DRAUSAL', A.; NREKASOV, V.
SKRINNIKOV, Yu.; POGOSTKIN, S.; GARAYEV, V.; SMIRNOV, V.;
MINOSYAN, I.

Useful details. Za rul. 15 no.5:insert p.12-14 My '57. (MIRA 10:6)
(Automobiles)

LOKHANIN, A.K., inzh.; POGOSTIN, V.M., inzh.; Prinimali uchastiye: AGROSKIN,
L.M., laborant; DER'YE, I.I., inzh.

Calculation of the capacitance of high-voltage transformers windings.
Elektrotehnika 35 no.7:36-38 '64. (MIRA 17:11)

LOKHANIN, A.K., inzh.; POGOSTIN, V.M., inzh.

Longitudinal capacitance of transformer coil windings.
Elektrotehnika 36 no.12:33-35 D '65.

(MIRA 19:1)

POGOSTKINA, M. A.

USSR/Medicine - Infectious Diseases May/Jun 52

"Results of Synthomycin Administration in the Treatment of Dysentery in Infants," M. A. Pogostkina, Chair of Pediatrics, Cen Inst of Advanced Study for Physicians

PA 228736
"Pediatriya" No 3, p 73

Synthomycin was administered in cases of dysentery to 50 children, 43 of whom were under 2 yrs of age, during the summer of 1951. The prepn was prescribed mainly in cases of the severe form of dysentery and was also used in cases of other types when treatment with sulfanilamides proved unsuccessful. States that synthomycin is more effective if used during the 1st few days of illness, before complications set in. Synthomycin has a good effect on the nervous system of a child; this effect is manifested in a rather rapid disintoxication.

228736

AYRAFETYAN, V.G.; KHACHATRYAN, A.B.; POROSYAN, A.A.

Biological properties of some viruses cultivated in tissue
culture. Izv. AN Arm. SSR. Biol. nauki 17 no.5:39-50 My '64.
(MIRA 17:9)

USSR/Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi R-1

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 31084

Author : Pogosyan A.A.

Inst : Armenian Scientific Research Institute of Animal Husbandry
and Veterinary Medicine

Title : Clinico-Hematological Studies in Experimental Tularemia
of Sheep

Orig Pub : Tr. Arm. n.-i. in-ta zhivotnovodstva i veterinarii, 1956, 1,
81-84

Abstract : The sheep were infected by subcutaneous inoculation of the emulsion of a 48-hour culture of *Bacterium tularense* in a dose of 1-5 billion microbial bodies. The incubation period lasted 12-24 hours, after which the first symptom of disease i.e., a high body temperature (42°C), appeared. Clinically, a depressed state, general weakness of the animal, loss of appetite, anemia of visible mucosa, increase of the regional lymphatic nodes, increase of the pulse and respiration rate, and sometimes diarrhea and dry cough, were observed. As

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AYRAPETYAN, V.G.; KHACHATRYAN, A.B.; POGOSYAN, A.A.

Prolonged survival of *Pasteurella tularensis* in frozen carcass.
Zhur.mikrobiol.epid. i immun. 28 no.6:21-25 Je '57. (MIRA 10:10)

1. Iz Armyanskogo nauchno-issledovatel'skogo veterinarnogo
institute.

(*PASTEURELLA TULARENSIS*,

survival in frozen meat (Rus))

(MEAT, microbiology,

Pasteurella tularensis, survival after freezing (Rus))

POGOSYAN, A.A.

Snow measurements arranged by the Administration of the Hydro-meteorological Service of the Armenian S.S.R. Trudy Tbil. NIGMI no.3:35-36 '58. (MIRA 11:10)

1. Upravleniye gidrometsluzhby ArmSSR.
(Armenia--Snow--Measurement)

GYUL'BUDAGYAN, L.V.; GRIGORYAN, V.A.; POGOSYAN, A.A.

New derivatives of 2,4-quinolinediol. Part 1: Synthesis of
some 3-(γ -chlorocrotyl)-2,4-quinolinediols. Izv.AN Arm.
SSR.Khim.nauki 17 no. 2:223-226 '64. (MIRA 17:6)

1. Yerevanskiy gosudarstvennyy universitet, kafedra organicheskoy
khimii.

POGOSYAN, A. A.

SOV/50-59-2-24/25

Khmaladze, G. E.

3(7)
AUTHOR:

TITLE:

PERIODICAL:

ABSTRACT:

Scientific Meeting at the Tbilisi Scientific Research Institute of Hydrometeorology (Nauchnaya sessiya v Tbilisskom nauchno-issledovatel'skom gidrometeorologicheskom institute)

Meteorologiya i gidrologiya, 1959, nr 2, pp 70 - 71 (USSR)

In May 1958 the Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (Tbilisi Hydrometeorological Scientific Research Institute) held a meeting in which the following representatives participated: Representatives of the Tsentrallyy Institut Vremeni (Central Forecasting Institute), Glavnya spetsializirovannaya laboratoriya (Main Geophysical Observatory), and the local meteorological stations of the hydrometeorological services of the Transcaucasian Republic. On the occasion of the fifth anniversary of the Tbilisskiy institut, the director of the Institute V. P. Pogosyan (Tbil.) spoke on the character of the temperature distribution and the circulation of the atmosphere above the Caucasus. K. I. Kipinashvili and Ye. A. Rostovtseva spoke on the characteristics of the

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circulation processes above Transcaucasia. M. A. Zakharovskiy reported on the typification of synoptical processes carried out by him. A. A. Bogdanov read two papers on theoretical questions of dynamic meteorology. V. M. Giginishvili and V. P. Loskutov spoke on the present state of the fight against hail in the Caucasus. A. A. Rostovtseva spoke on the meteorological visibility in the Caucasus. Ye. A. Polyakova (GGO) on the meteorological visibility in the case of precipitation in Georgia. G. I. Chirakidze spoke on the precipitation in Georgia in the course of 24 hours. K. I. Kipinashvili on the wind energy reserves of Georgia. Sh. V. Kobzev on the radiation and heat balances in the alpine zone of the Caucasus. Ye. A. Rostovtseva on the radioactivity of the atmosphere in Tbilisi and Yerevan. Ye. A. Tentsitskiy on the albedo of different natural surfaces. Sh. G. Gvaznashvili (GMS of the Caucasus SSR) on the ground temperature conditions in Tbilisi. V. M. Krasova on the method developed by him for forecasting the number of days with ice mass. V. P. Pok-

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lops on a method for the calculation of the volume of rain water supply in floods. G. P. Pastukova (GMS of the Azerbaydzhanskaya SSR) on the calculation of the volume of the atmospheric circulation in hydrological forecasts. The representative of the GMS of the Armanakskaya SSR M. S. Sklyanin reported on the characteristics of the formation of the water supply for spring floods on the rivers of Armenia. A. A. Bogdanov (GMS of the Armanakskaya SSR) pointed to the special role of the snow cover of the belt between 1800 and 2400 m in the formation of the water supply for spring floods on the rivers of Armenia. Ye. A. Rostovtseva spoke on the method of forecasting easily accessible humidity in the soil below grain cultures. M. P. Itolypin and Sh. I. Kertashvili spoke on the periods set for the opening of the soil for grain cultures. O. M. Kandelaki, L. A. Enfidashvili (GMS of the Armanakskaya SSR), and M. B. Cherkashvili spoke on the microclimatic conditions of the Lashkinkiy massif in the Armanakskaya SSR. In all, 27 papers were read.

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POGOSYAN, A. A.

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AUTHOR:

Khmaladze, G. N.

SOV/50-59-4 20/21

TITLE:

Snow Surveys in the Mountains of the Caucasus
(O snegosnyemkakh v gorakh Kavkaza)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 4, p 77 (USSR)

ABSTRACT:

In the resolutions of the Vtoroye Vsesoyuznoye soveshchaniye po izucheniyu snezhnogo pokrova v gorakh (Second All-Union Conference on the Study of the Snow Cover in the Mountains), which took place in Tbilisi in October 1956, meetings of snow surveyors were alternately provided for in Tbilisi, Baku and Yerevan. According to these resolutions, the Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (TNIGMI) (Tbilisi Hydrometeorological Scientific Research Institute) organized such a meeting in 1957. On December 18-20, 1958, such a meeting was organized by the TNIGMI in Yerevan. Besides experts of the UGMS (Hydrometeorological Service Administration), also representatives of the Akademiya nauk Armyanskoy SSR (Academy of Sciences of the Armyanskaya SSR), of the Armgidep and the Geograficheskoye obshchestvo Armyanskoy SSR (Geographic Society of the Armyanskaya SSR), attended this meeting. An exhibition of the works by the snow-surveying squads

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Snow Surveys in the Mountains of the Caucasus

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of the UGMS of the 3 Transcaucasian Republics was installed in the meeting room. At the end of the meeting, a short film entitled "Snow Surveys in the Mountains" was shown. The film was made by I. Kisin and Sh. Agayev, co-workers of the UGMS of the Azerbaydzhanskaya SSR, under the direction of V. S. Vlasova. G. N. Khmaladze, Chief of the Department of Hydrological Investigations and Forecasts, opened the meeting with a report of information. He spoke on the state of snow surveying and glacier research work to be carried out in 1959 by the UGMS and TIIGMI. Reports were then delivered by the directors and experts of the UGMS of the Azerbaydzhanskaya SSR (Sh. Agayev), of the Armyanskaya SSR (A. Pogosyan) and of the Gruzinskaya SSR (V. Palavandishvili). They reported on the state of the indoor service and field work for snow surveys in the mountains, on investigations of snow avalanches and glaciers, as well as on observations in 1958 of the snow cover in the mountains. -I. Kisin reported on glacier investigations in the mountains of Azerbaydzhan and Dagestan. -V. Sh. Tsomaya put forward the results of investigations on the correlation between route snow surveys and stationary observations, as well as formulas for the calculation of water reserves in snow according to the quantity of precipitations

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Snow Surveys in the Mountains of the Caucasus

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in winter measured with the rain gauge. He reported on the state of glacier investigations in the Caucasus. G. N. Khmaladze reported on the work of the TNIGMI on the subject of snow avalanches, and gave a survey of avalanche slips in the various regions of the Great and Little Caucasus from 1933 to 1955.-
A. A. Pogosyan reported on his determination of the water reserves in snow at an altitude of 1800-2400 m.

Card 3/3

POGOSYAN, A.A.

Epizootiology of dysentery in lambs. Izv. AN Arm. SSR. Biol.
nauki 12 no. 4: 89-98 Ap '59. (MIRA 12:9)

1. Institut zhivotnovodstva i veterinarii Ministerstva sel'-
skogo khozyaystva ArmSSR.
(LAMBS--DISEASES AND PESTS) (ARMENIA--DYSENTERY)

POGOSYAN, A.A., mladshiy nauchnyy sotrudnik

Etiology of gastrointestinal diseases in newborn lambs. Trudy
Arm. nauch.-issl. inst.zhiv. i vet. 4:255-266 '60. (MIRA 15:5)
(Lambs--Diseases and pests) (Alimentary canal--Diseases)

POGOSYAN, A.A.

Role of the snow cover of the main high-mountain region in the formation of spring floods in rivers of the Armenian S.S.R. Trudy Tbil.NIGMI no.9:78-79 '61. (MIRA 15:3)

1. Upravleniye gidrometeorologicheskoy sluzhby Armyanskoy SSR.
(Armenia--Flood forecasting)

KHACHATRYAN, A.B.; POGOSYAN, A.A.; MARTIROSYAN, G.G.

Immunobiological characteristics of the virus of Newcastle disease
grown in tissue culture. Veterinariia 41 no.4:25-27 Ap '65.
(MIRA 18:6)

1. Armyanskiy nauchno-issledovatel'skiy institut zhivotnovodstva i
veterinariii.

YEGOSYAN, A.I.

Karyosystematics of Caucasian species of the genus *Muscari* Mill.
Izv. AN Arm. SSR. Biol. nauki 18 no.7:39-44 Ji '65. (MIRA 18:2)

1. Botanicheskiy institut AN ArmSSR.

POGOSYAN, A.I.

Analysis of the **karyotype** of *Agapanthus umbellatus* L'Herit.
(Amaryllidaceae). 12.7 AN Arm. SSR. Biol. nauki 18 no.3:
90-93 Mr '65. (MIRA 18:5)

1. Botanicheskiy institut AN ArmSSR.

POGOSYAN, A. M.

"On the Role of the Cerebral Cortex in Regulating the Functional Interaction Between Respiration and the Cardiovascular System." Cand Med Sci, Inst of Experimental Medicine, Acad Med Sci USSR, Leningrad, 1953. (RZh Biol, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: Sum. No. 556, 24 Jun 55

POGOSYAN, A.R.

Ecology of the field vole (*Microtus arvalis* Pall.) in grain fields
of the Armenian S.S.R. Zool.sbor. no.5:87-115 '48. (MLRA 9:8)
(Armenia--Field mice)

POGOSYAN, A. R.

Pogosyan, A. R. - "Ecology and biology of the sand flea in Armenian SSR,"
Zool. sbornik (Akad. nauk Arm. SSR, ^{In-t} fitopatologii
i zoologii), Issue 6, 1949, p. 99-125 -- Summary in
Armenian --- Bibliog: 18 items

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

POGOSYAN, A.R.

Ecologobiological description of the Asia Minor hamster in the
Armenian S.S.R. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. 4 no.1:
17-31 '51. (MLBA 9:8)

1. Institut fitopatologii i zoologii Akademii nauk Arayanskoy SSR.
(Armenia--Hamsters)

POGOSYAN, A.S.

Methods for studying the vertical distribution of the temperature
of sea water as revealed by the studies in the Caspian Sea.
Izv.AN Azerb.SSR.Ser.geol.-geog.nauk i nefi no.4:121-131 '62.
(MIRA 16:2)

(Caspian Sea—Sea water—Temperature)

POGOSYAN, A.S.

Aplasia of the bone marrow in chronic myelocytic leukemia
following treatment with myelosan. Probl.gemat.i perel.krovi
no.11:50-52 '62. (MIRA 15:11)

1. Iz Nauchno-issledovatel'skogo instituta gematologii i pereli-
vaniya krovi imeni prof. R.O. Yeolyana (dir. - K.A. Antonyan)
Ministerstva zdravookhraneniya Armyanskoy SSR.
(LEUKEMIA) (METHANESULFONIC ACID) (MARROW--DISEASES)

ROZENSHTRAUKH, L.S.; POGOSYAN, A.S.

Comparative evaluation of contrast media used in bronchography.
Vest. AMN SSSR 20 no.9:106-111 '65.

(MIRA 18:11)

1. Rentgeno-radiologicheskii institut, Moskva.

POGOSYAN, A.S.; AVDALBEKYAN, L.M.; PASHINYAN, E.R.; TER-OGANESYAN, S.M.

Some data on changes in the blood coagulation factors in leukemia.
Zhur. eksp. i klin. med. 5 no.3:60-64 '65. (MIRA 19:1)

POGOSYAN, A.V.

Effect of tannides and nontannides (extracted by water) on the quality of vegetable-tanned leather and the importance of methods used in their determination. Dokl.AN Arm.SSR 10 no.4:161-166 '49. (MLRA 9:10)

1.Yerevanskiy Gosudarstvennyy Universitet imeni V.M.Molotova, Yerevan.
Predstavleno G.Kh.Bunyatyanom.
(Tanning)

POGOSYAN, B.

Leading efficiency promoters. Avt.transp. 35 no.6:35 Ja '57.
(MIRA 10:7)
(Automobile transport workers)

POGOSYAN, B.M.

Types of the course in the simple form of schizophrenia and medical work fitness expertise. Trudy Gos.nauch.-issl.inst.psikh. 27:41-46 '61. (MIRA 15:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut ekspertizy trudosposobnosti i organizatsii turad invalidov. Dir. - prof. D.I.Gritskevich. Psikhiatricheskoye otdeleniye. Zav. - dotsent D.Ye.Melekhov.

(SCHIZOPHRENIA) (DISABILITY EVALUATION)

POGOSYAN, D.A.

Classification of the recent landforms of Syunik (Zangezur). Izv. AN
Arm. SSR. Nauki o zem. 17 no.3/4:111-118 '64. (MIRA 17:11)

POGOSYAN, D.A.

Tundra soils of Aragats Mountain [in Armenian with summary in Russian]. Nauch. trudy Brev. un. 63:117-123 '58. (MIRA 11:6)

1. Yerevanskiy gosudarstvennyy universitet, kafedra fizicheskoy geografii.

(Aragats Mountain—Soils)

GAZAZYAN, E.D.; LAZIYEV, E.M.; POGOSYAN, E.S.

Determining the natural frequency of a resonator with an arbitrary dielectric filling. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 16 no.4:103-105 '63. (MIRA 16:8)

1. Fizicheskiy institut Gosudarstvennogo komiteta po ospot'zovaniyu atomnoy energii SSSR.

POGOSYAN, E.Ye.

Distribution of the potato stem (tuber) eelworm in Armenia and its harmfulness. Izv.AN Arm.SSR.Biol.i sel'khoz. nauki. 4 no.4: 345-355 '51. (MLBA 9:8)

1. Institut fitopatologii i zoologii Akademii nauk Armyanskoy SSR. (Armenia--Nematoda potatoes--Diseases and pests)

POGOSYAN, E.Ye.

Results of the study of potato nematodes in the Armenian S.S.R.
Trudy probl. i tem.soveshch. no.3:186-195 '54. (MIRA 8:5)

1. Zoologicheskiy institut Akademii nauk Armyanskoy SSR.
(Armenia--Nematoda) (Nematoda--Armenia) (Potatoes--
diseases and pests)

POGOSYAN, E.Ye.

KIR'YANOVA, Ye.S.; LINNIK, G.N.; BASOVA, A.I.; TERESHCHENKO, Ye.F.;
RYSS, R.G.; POGOSYAN, E.Ye.

Appendix 2: Recommendations for combating the potato tuber
nematode (*Ditylenchus destructor* Thorne, 1945). Trudy probl. 1
tem.soveshch. no.3:253-255 '54. (MIRA 8:5)

1. Zoologicheskii institut Akademii nauk SSSR, Khar'kovskiy
sel'skokhozyaystvennyy institut im. V.V.Dokuchayeva, Kiyevskaya
sel'skokhozyaystvennaya opytnaya stantsiya, Ukrainskiy nauchno-
issledovatel'skiy institut ovoshchevodstva, Zoologicheskii
institut Akademii nauk Armyanskoy SSR.

(Nematoda) (Potatoes--Diseases and pests)

KIR'YANOVA, Ye.S.; GERASIMOV, B.A.; MERZHEVSKAYA, O.I.; POGOSYAN, E.Ye.

Appendix 3: Recommendation for combating the onion bulb eelworm
(*Ditylenchus allii* (Beijerinck, 1883)). Trudy probl. i tem.soveshch. no.3:255-257 '54. (MLRA 8:5)

1. Zoologicheskii institut Akademii nauk SSSR, Nauchno-issledovatel'skii institut ovoshchnogo khozyaystva, Institut biologii Akademii nauk Belorusskoy SSR, Zoologicheskii institut Akademii nauk Armyanskoy SSR.
(Nematoda) (Onions--Diseases and pests)

POGOSYAN, E.Ye.

Gall nematodes in the Armenian S.S.R. Izv. AN Arm. SSR. Biol.
nauki 13 no.8:27-34 Ag '60. (MIRA 13:9)
(ARMENIA--NEMATODE DISEASES OF PLANTS)

POGOSYAN, E.Ye.

A new species of gall nematode (Nematoda, Heteroderidae) from the Armenian S.S.R. hitherto unknown the U.S.S.R. Izv. AN Arm. SSR. Biol. nauki 14 no.1:95-97 Ja '61. (MIRA 14:3)

1. Zoologicheskiy institut AN Armyanskoy SSR.
(MEGRI--NEMATODE DISEASES OF PLANTS)

POGOSYAN, E.Ye.

New species of nematode *Heterodera runcis* sp.n. (Nematoda, Heteroderidae) from the Armenian S.S.R. Dokl. AN Arm. SSR 32 no.3:171-175 '61. (MIRA 14:5)

1. Zoologicheskii institut AN Armyanskoy SSR. Predstavleno akademikom AN Armyanskoy SSR V.O. Gulkanyanom. (Armenia--Nematoda)

POGOSYAN, G.
MELIKIAN, G., inzhener; POGOSYAN, G., inzhener; KAFADARYAN, I., inzhener.

Large-block construction using natural stone in Armenia. Gor.i
sel'.stroil. no.7:3-4 J1 '57. (MLRA 10:10)
(Armenia--Building blocks)

S/137/62/000/008/003/065
A006/A101

AUTHOR: Pogosyan, G.

TITLE: Manufacture of "Sendust" type alloy directly from the ore

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 8, 1962, 29, abstract 8V190.
("Ayastani ardyunaberutyuny", 1961, no. 12, 79 - 80, Armenian;
"Prom-st' Armenii", 1961, no. 12, 67 - 69, Russian)

TEXT: A series of experimental heats with Al and Si admixture were produced in an acid crucible of a ЛГП-60 (LGP-60) type induction furnace. To obtain a metallic semiproduct, crushed ore was charged into the crucible and melted, then Fe-Si and Si-Al were added at switched-off current. The heat liberated as a result of an exothermic reaction, was sufficient to continue the melting process without current. The duration of the process was 8 - 15 minutes. The metal temperature at the end of the process was 1,520 - 1,580°C. The metal was teemed into round molds where lamination of the metal and slag took place. On the basis of a chemical analysis of the semiproduct, the necessary amount of Si and Al admixtures was determined in order to obtain 9% Si and 5% Al in the alloy. The

✓

Card 1/2

Manufacture of "Sendust" type...

S/137/62/000/008/003/065
A006/A101

Ingots were then melted and the melt was heated to 1,650 - 1,660°C. To reduce the H content, argon ($0.5 \text{ m}^3/\text{t}$) was blown through the bath for 30 - 50 seconds. After annealing the alloy had $\mu_0 = 35,100$ units; $\mu_{\text{max}} = 117,500$ units at $H_s = 0.022$ oersted and $\rho = 0.812 \text{ ohm}\cdot\text{mm}^2/\text{m}$.

D. Kashayeva

[Abstracter's note: Complete translation]

Card 2/2

POGOSYAN, G., inzh.

Obtaining alloys of the "Sendust" type directly from ores.
Prom. Arm. 4 no.12:67-69 D '61. (MIRA 15:2)
(Armenia--Iron alloys--Magnetic properties)

POGOSYAN, G.M. Cand Chem Sci -- (diss) "Synthesis and polymerization of alkoxytyrols." Mos, 1957. 11 pp 20 cm. (Acad Sci USSR. Department of Chem Sci. Inst of *Elementary* Organic Compounds). 100 copies. (KL, 23-57, 109).

-19

POGOSYAN, G.M.
KOLESNIKOV, G.S.; POGOSYAN, G.M.

Synthesis and polymerization of alkoxystyrols. Izv. AN Arm.
SSR Ser. khim. nauk 10 no.2:131-142 '57. (MIRA 10:12)

1. Institut elementoorganicheskikh sovedineniy AN SSSR.
(Chemistry, Organic--Synthesis)
(Polymerization) (Styrene)

POGOSYAN, G. M.

79-11-21/56

AUTHORS: Kolesnikov, G. S. , Pogosyan, G. M.

TITLE: Carbo-Interlinked Polymers and **Copolymers** (Karbotsepnnye polimery i sopolimery) II. Synthesis and Polymerization of 2-Alkoxystyrenes (II. Sintez i polimerizatsiya 2-alkoksistirolov)

PERIODICAL: Zhurnal Obshchey Khimii, 1957, Vol. 27, Nr 11, pp. 3009 - 3011 (USSR)

ABSTRACT: The authors described the synthesis and polymerization of 4-alkoxy-styrenes and showed that the introduction of an oxygen atom between the aromatic nucleus and the aliphatic radical of the substitute leads to an increase in the temperature of the vitrification in the series of n-alkoxystyrenes. The synthesis and polymerization of 2-alkoxystyrenes was performed for the purpose of determining the influence exerted by the position of the substitute upon the temperature of vitrification of the polymers of alkoxy-styrenes. Their synthesis is analogous to the synthesis of 4-alkoxystyrenes, where 2-alkoxybromobenzenes were produced of 2-bromophenol. As result of the polymerization of 2-alkoxystyrenes the authors obtained polymers for which the temperature of vitrification was determined (see table). From the table may be seen that the temperature of vitrification of the polymers decreases with increasing radical-length, as it was also observed in the case of the polymers of

Card 1/2

79-11-21/56

Carbo-Interlinked Polymers and Copolymers - II. Synthesis and Polymerization of 2-Alkoxytyrenes

4-alkoxytyrenes and 4-alkyltyrenes. The vitrification temperature of the polymers of 2-alkoxytyrenes is somewhat lower than of the polymers of 4-alkoxytyrenes which may only be explained by spatial obstacles caused by the alkoxy groups. Thus six alkoxytyrenes were synthesized (of which five had already previously been known). Their polymers, whose vitrification temperatures were determined, were obtained. There are 1 table and 1 non-Slavic reference.

ASSOCIATION: Institute of Elemental-Organic Compounds AS USSR
(Institut elementoorganicheskikh soedineniy Akademii nauk SSSR)

SUBMITTED: November 10, 1956

AVAILABLE: Library of Congress

1. 2-Alkoxytyrenes-Synthesis 2. 2-Alkoxytyrenes-Polymerization

Card 2/2

POGOSYAN, G. M.

30-12-35/45

AUTHOR: None Given.

TITLE: Defense of Dissertations (Zashchita dissertatsiy).
(January - July 1957)(Yanvar' - iyul' 1957).
Section of Chemical Sciences (Otdeleniye khimicheskikh nauk).

PERIODICAL: Vestnik AN SSSR, 1957, Vol. 27, Nr 12, p. 112-... (USSR)

ABSTRACT: At the Institute for Chemical Physics (Institut khimicheskoy fiziki). Application for the degree of Candidate of Physical-Mathematical Sciences: M. M. Khaletskiy-Measuring of total Cross Sections and of the Differential Cross Sections of the elastic scattering of 14.8 MeV neutrons, σ elasticity (θ) by the method of determination of the (n,a) coincidence (Izmereniye polnykh secheniy σ_t i differentsial'nykh secheniy uprugogo rasseyaniya 14,8 Mev neytronov σ upr. (θ) metodom scheta (n,a) sovpadeniy).
At the Institute for Element-organic Compounds (Institut elementoorganicheskikh soyedineniy). Application for the degree of Doctor of Chemical Sciences: L. R. Zalukayev - New Ways of Producing Nitrocompounds (Novyye puti polucheniya nitrosoyedineniy). L. G. Makarova - Investigation in the field

Card 1/2

Defense of Dissertations.
(January - July 1957)
Section of Chemical Sciences

30-12-35/45

of the decomposition mechanism of the diphenyl iodonium-
and aryl diazonium salts (Issledovaniye v oblasti mekhanizma
razlozheniya difenilyodoniyevykh i arildiazoniyevykh soley).
Applications for the degree of Candidate of Chemical Sciences:
S. V. Vitt-Investigation of the mechanism of alkylation by
means of ammonium compounds (Issledovaniye mekhanizma
alkilirovaniya soyedineniyami ammoniya). G. M. Pogosyan -
synthesis and polymerization of alkox- tirenes (Sintez i
polimerizatsiya alkoksistirolov).

AVAILABLE: Library of Congress

1. Chemistry 2. Organic compounds—Elements

Card 2/2

Pogosyan, G. M.

AUTHORS:

Kolesnikov, G. S., Pogosyan, G. M.

62-2-16/26

TITLE:

Carbo-Chain Polymers and Copolymers (Karbotsepnyye polimery i sopolimery). Information 1: The Synthesis and Polymerization of 4-Alkoxystyrenes (Soobshcheniye 1. Sintez i polimerizatsiya 4-alkoksistirolov).

PERIODICAL:

Izvestiya AN SSSR Otdeleniye Khimicheskikh Nauk, 1950, Nr 2, pp. 227-231 (USSR).

ABSTRACT:

The investigation of the relations between the structure of high-molecular compounds and their properties belongs to the fundamental tasks of the chemistry of compounds of high molecular weight. Their temperature in vitrification is characteristic of these compounds of high molecular weight; the results of investigation, however, have hitherto been highly different. The influence exerted by the quantity of the alkyl substituent upon the vitrification temperature of polymers (4-n. alkylstyrenes) was already investigated by Overberg and his collaborators. It was found that on a prolongation of the duration of the alkyl substituents the temperature of vitrification is reduced. It reaches its lowest level when the alkyl-chain contains 10 carbon atoms. An increase in the alkyl-radical leads

Card 1/2

Carbo-Chain Polymers and Copolymers. Information 1:
The Synthesis and Polymerization of 4-Alkoxytyrenes.

62-2-16/28

to an increase in the vitrification temperature. More accurate data on the cause of this phenomenon have hitherto been absent. It was therefore of special interest to investigate the influence exerted by the quantity of the alkoxy-substituent upon the temperature of vitrification of the polymers of 4-alkoxytyrenes. The authors synthesized five 4-alkoxytyrenes and obtained for the first time: 4-n-propoxytyrene, 4-n.butoxytyrene, as well as 4-isoamyloxytyrene. It was shown that the vitrification temperature of the polymers of 4-n.alkoxytyrenes decreases with a lengthening of the radical in the alkoxy group. It was further shown that the introduction of the oxygen atom between alkyl-radical and aromatic nucleus increases the vitrification temperature of the polymers. There are 1 table and 5 references, 2 of which are Slavic.

ASSOCIATION: Institute for Element-Organic Compounds AN USSR (Institut
elementoorganicheskikh soyedineniy akademii nauk SSSR).
SUBMITTED: October 8, 1956
AVAILABLE: Library of Congress
Card 2/2 1. 4-Alkoxytyrenes-Polymerization 2. 4-Alkoxytyrenes-Synthesis

SOV/62-59-2-24/40

5(3)

AUTHORS:

Kolesnikov, G. S., Pogosyan, G. M.

TITLE:

Carbon-chain Polymers and Copolymers (Karbonsepnnyye polimery i sopolimery). Communication 7. Polymerization Kinetics of Alkoxy-styrenes (Soobshcheniye 7. Kinetika polimerizatsii alkoksistirolov)

PERIODICAL:

Izvestiya Akademii nauk SSSR, Otdeleniye khimicheskikh nauk, 1959, Nr 2, pp 335-337 (USSR)

ABSTRACT:

In the present paper it was tried to estimate quantitatively the polymerizability of 2- and 4-alkoxy-styrenes previously obtained (Refs 6,7). It was assumed that the determination of the constant of polymerization rate under given standard conditions would be a comfortable method of the estimation of the polymerizability of nuclear-substituted styrenes and other unsaturated compounds. The following conditions were taken as standard conditions: 1) Polymerization temperature 100°, 2) the polymerization took place in sealed ampoules in a nitrogen atmosphere without oxygen. The "washing out" of the vapor space above the monomer is terminated by the vacuum procedure, 3) Precipitation of the polymer from the mixture with the nonreacted

Card 1/2

SOV/62-59-2-24/40

Carbon-chain Polymers and Copolymers. Communication 7. Polymerization Kinetics of Alkoxy-styrenes

monomer by means of methyl alcohol, the polymer-monomer mixture previously being dissolved in benzene or dichloro-ethane. It was found that the polymerization of alkoxy-styrenes in the absence of an initiator or catalyst and without solvent proceeds as the first order reaction. The average constants of the polymerization rate of 2- and 4-alkoxy-styrenes are presented in the table. It could be seen that the polymerization rate of n-alkoxy-styrenes depends both on the position of the alkoxy group with respect to the vinyl group and on the size of the n-alkyl radical of the alkoxy group. The size of the alkyl radical merely influences there the polymerization rate of 2-n-alkoxy-styrenes. It practically played no part in the polymerization of 4-n-alkoxy-styrenes. There are 1 figure, 1 table, and 10 Soviet references.

ASSOCIATION: Institut elementoorganicheskikh sovedineniy Akademii nauk SSSR
(Institute of Elemental-Organic Compounds of the Academy of Sciences, USSR)

SUBMITTED: June 3, 1957
Card 2/2

POGOSYAN (G.M.)
I.O. O.I.: POGOSYAN, G.M.

Derivatives of amino ketones. Report No.1: Some α -phenyl- β -diel-
-phenyl- α - β -propylphenones. Izv. AN Arm. SSR. Khim. nauki 13
no. 13 7-363 1960. (MIRA 14:2)

1. I. Khim. nauki organicheskoy khimii AN ArmSSR.
(Propiophenone)

15.8140

AUTHORS:

TITLE:

PERIODICAL:

TEXT:

Pogosyan, G.M., Matsoyan, S.G.
Synthesis of polyurethanes by interface polycondensation
Akademiya nauk Armyanskoy SSR, Izvestiya.
Khimicheskiye nauki, v.14, no.4, 1961, 343-345
Polyurethanes were synthesized by interface polycondensation
of glycol (ethanediol-1,2; butanediol-1,4; octanediol-1,8;
nonanediol-1,9; or decanediol-1,10) diesters of chloroformic acid
with ethylene- or hexamethylenediamine. Polycondensation was
achieved at room temperature by the contact of two phases; a
solution of the diester in CCl_4 , and an aqueous solution of the
diamine. The ratio of ester to diamine was 1:3, with the excess
diamine used as a binding agent for the HCl produced during the
reaction. The polyurethanes were formed almost immediately with
a yield of ~90%. They can be obtained in the form of a fine
powder, if the phases are mixed by stirring, or they can be drawn
continuously from the interface boundary in a film-forming sheet.
The reaction products were filtered, washed with a 50% aqueous
alcohol solution - until the reaction became neutral - and dried
vacuum at $54^\circ C$ to constant weight. They are soluble in m-cresol.

Card 1/2
PROVED FOR P

30886
S/171/61/014/004/003/003
E141/E465

30886
S/171/61/014/004/003/003
E

Synthesis of polyurethanes ...

formic acid and hot pyridine; the melting points range from 146 to 220°C and are almost constant for the individual polymers, indicating a high degree of crystallinity. The molecular weights of the products were determined by the specific viscosity of their 0.5% solutions in m-cresol at 20°C. There are 1 table and 3 non-Soviet-bloc references which read as follows:

Ref.1: O.Bayer, Modern Plastics, v.24, 10, 149 (1947);
R.Hill, E.E.Walker, J. Polymer Sci., v.3, 609 (1948);
Ref.2: Brit. Pat. 685729, US Patent 2658886;
Ref.3: N.Rabjohn, J. Am. Chem. Soc., v.70, 1181 (1948);
F.Strain, W.E.Bissinger, W.R.Dial, H.Rudoff, B.J.Dewitt,
H.C.Stevens, J.H.Langston, J. Am. Chem. Soc., v.72, 1254 (1950).

ASSOCIATION: Institut organicheskoy khimii AN ArmSSR
(Institute of Organic Chemistry AS ArmSSR)

SUBMITTED: April 25, 1961

Card 2/2

5.3832

S/190/62/004/008/002/016
B117/B144

AUTHORS: Matsuyan, S. G., Pogosyan, G. M., Skripnikova, R. K.

TITLE: Study of cyclic polymerization and copolymerization. IX.
Cyclic polymerization of 4-substituted hepta-1,6-dienes in
the presence of radical initiators

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 8, 1962,
1142 - 1144

TEXT: The authors studied the cyclic polymerization of diallyl malonic and diallyl acetoacetic esters, diallyl acetic acid, and α, α -diallyl acetone heated in the presence of benzoyl peroxide and azoisobutyric dinitrile. With benzoyl peroxide, the polymer yields were higher than with azoisobutyric dinitrile. An increase in polymerization temperature above 80°C (diallyl malonic ester up to 160°C) reduced the yields. Polymers of diallyl malonic and diallyl acetic esters, and diallyl acetic acid, are fusible white powders easily soluble in acetic acid, benzene, carbon tetrachloride, and hot alcohol, having a molecular weight of 12000 - 15000 (determined ebullioscopically). Poly- α, α -diallyl acetone is

Card 1/2

Study of cyclic polymerization...

S/190/62/004/008/002/016
B117/B144

a glasslike mass soluble in organic solvents. It was shown that in the course of radical polymerization two vinyl groups of the initial monomers react without cross-linking. Cyclic polymers containing cyclohexane rings in the principal chain, are formed. Finally it was observed that decarboxylation takes place when polydiallyl acetic acid is heated to 300°C, with formation of polyhexahydrobenzyl, a polymer soluble in benzene. There is 1 table.

ASSOCIATION: Institut organicheskoy khimii AN ArmSSR (Institute of Organic Chemistry AS ArSSR)

SUBMITTED: April 24, 1961

Card 2/2

TEREKHIAN, G.M.; FRANKUCHYAN, G.A.; MATSOYAN, S.G.

Salts of 4-vinylbenzoic acid. Izv. AN Arm. SSR. Khim. 1964, no. 4:412-420. 9/5.

Some amides of 4-vinylbenzoic acid. Ibid.:421-423. (MIRA 18:12)

1. Institut organicheskoy khimii AN Arayanskoy SSR. Submitted June 22, 1964.

MATEOSYAN, S.G.; POGOSYAN, G.M.; CHOLAKYAN, A.A.

Cyclic polymerization and copolymerization. Part 37: Synthesis and study of the capacity of some 1,6-diene compounds to cyclic polymerization and copolymerization. Izv. AN Arm. SSR. Khim. nauki 18 no.2:178-185 '65. (MIRA 18:11)

1. Institut organicheskoy khimii AN ArmSSR. Submitted July 6, 1964.

POGOSYAN, G.M.; ZHAMKOCHYAN, G.A.; MATSOYAN, S.G.

Polymerization of amides of 4-vinylbenzoic acid. Vysokom. speed. 7
no.5:828-830 My '65. (MIRA 18:9)

1. Institut organicheskoy khimii Armyanskoy SSR.

L 4149-66 EWT(m)/EPF(c)/EWP(j) RM
ACCESSION NR: AP5023918

UR/0171/65/018/004/0418/0420
542.951.3

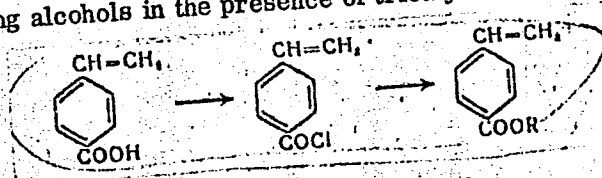
AUTHOR: Pogosyan, G. M.; Zhamkochyan, G. A.; Matsoyan, S. G.

TITLE: Esters of 4-vinylbenzoic acid

SOURCE: AN ArmSSR. Izvestiya. Khimicheskiye nauki, v. 18, no. 4, 1965, 418-420

TOPIC TAGS: ester, vinylbenzoic acid, esterification

ABSTRACT: Esters of 4-vinylbenzoic acid were synthesized by the action of thionyl chloride on 4-vinylbenzoic acid followed by the reaction of the acid chloride thus obtained with the corresponding alcohols in the presence of triethylamine in a solution of absolute ether:



Methyl, ethyl, propyl, isopropyl, butyl, isobutyl, hexyl, β -dimethylamino-

Card 1/2

L 4149-66

ACCESSION NR: AP5023918

ethyl, and β -diethylaminoethyl esters were thus prepared. All the compounds obtained except the methyl ester are colorless liquids with a pleasant odor. Polymerization experiments showed that the synthesized esters are capable of polymerizing both in the presence and absence of radical initiators. The esters, particularly amino esters, may be of interest for the synthesis of physiologically active polymers. The experimental procedure employed is described. Orig. art. has: 1 table.

ASSOCIATION: Institut organicheskoy khimii AN ArmSSR (Institute of Organic Chemistry, AN ArmSSR)

SUBMITTED: 23Jun65

NO REF SOV: 001

ENCL: 00

SUB CODE: OC, CC

OTHER: 002

Card 2/2

POGOSYAN, G.M.; ZHAMKOCHYAN, G.A.; MATSOYAN, S.G.

Polymerization of 4-vinylbenzoic acid esters. *Vysokom. soed.*
7 no.4:707-709 Ap '65. (MIRA 18:6)

1. Institut organicheskoy khimii AN Armyanskoy SSR.

L 63037-65 EPT(c)/EWP(j)/EWT(m)/T PC-4/Pr-4 JAJ/PM

ACCESSION NR: AP5013055

UR/0190/65/007/005/0328/0830
66.095.26-678.744

AUTHORS: Pogosyan, G. M.; Zhamkochyan, G. A.; Matsuyan, S. G.

TITLE: Polymerization of 4-vinylbenzamides

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 5, 1965, 828-830

TOPIC TAGS: polymer, resin, amide, benzoyl peroxide, catalyst

ABSTRACT: This paper is an extension of the work reported previously by the authors (Vysokomolek, soyed., 7, 707, 1965). The polymerization of N-methylamide (A), N,N-dimethylamide (B), N,N-diethylamide (C), piperidylamide (D), and morpholylamide (E) of 4-vinylbenzoic acid in the presence of benzoyl peroxide and azobisisobutyronitrile in bulk and in solution was investigated. The polymerization was carried out at 80C. Viscosities of polymers at 20C obtained in bulk, in dimethylformamide and absolute ethyl alcohol were determined. The softening point of the polymers was determined by the capillary method. It was found that the rate of polymerization is faster in the presence of azobisisobutyronitrile than in the presence of benzoyl peroxide and decreases in the order A,E,B,D,C. Orig. art. has: 2 tables and 1 graph.

Card 1/2

29
28
B

L 63037-65

ACCESSION NR: AP5013055

ASSOCIATION: Institut organicheskoy khimii ArmSSR (Institute for Organic Chemistry, ArmSSR)

SUBMITTED: 09Jul64

ENCL: 00

SUB CODE: 00, G-C

NO REF SOV: 003

OTHER: 001

KC
Card 2/2

L 57498-65 EWT(m)/EPF(c)/EPR/EWP(j)/T Pc-4/Pr-4/Ps-4 RPL WVI/RM

ACCESSION NR: AP5015847

UR/0171/65/018/002/0178/0185
541.64 + 542.952.0

AUTHOR: Matsoyan, S.G.; Cholakyan, A.A.; Pogosyan, G.M.

TITLE: Studies in the field of cyclic polymerization and copolymerization. Part 37.
Synthesis and study of the capacity of certain 1,6-dienes for cyclic polymerization ⁷

SOURCE: AN ArmSSR. Izvestiya. Khimicheskiye nauki, v. 18, no. 2, 1965, 178-185

TOPIC TAGS: cyclic polymerization, cyclic copolymerization, diene polymerization, cyclic polyolefin

ABSTRACT: In order to obtain new polymers with carbocyclic and heterocyclic links in their chains, the authors synthesized some 1,6-dienes and studied their capacity for cyclic polymerization. The following 1,6-dienes were synthesized: bis-2-methallyl-malonic and bis-2-methallylcynoacetic ester, bis-2-methallylcynoacetic acid, bis-2-methallylacetonitrile, bis-2-chloroallyl ether, bis-2-chloroallyl sulfide, bis-2-chloroallyl sulfone, allyl ether, allyl sulfide, allyl acrylate, allyl methacrylate, N-allylacrylamide, and N-allylmethacrylamide. The polymerization was carried out in bulk and in solution with the aid of the radical initiators benzoyl peroxide and azoisobutyronitrile. It was found that the tendency of symmetrical 1,6-dienes to

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